SEQUENCE LISTING

<110> DSM IP Assets B.V.
     Pieter J.A.M. PLOMP
     Lex DE BOER
     Rutger J. VAN ROOIJEN
     Roelf B. MEIMA

<120> NOVEL FOOD PRODUCTION PROCESS

<130> 4662-25 / 21401USWO

<140> US 10/538,000
<141> 2005-06-09

<150> PCT/EP2003/014553
<151> 2003-12-18

<150> EP 02102819.6
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gcc tct ccg ctg ctc tac tcg cgg acc acc aat gaa acc ttc gtc ttc      96
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acc aat gcc aat ggc ctc aac ttc acc cag atg aac acc acc ctg ccg     144
Thr Asn Ala Asn Gly Leu Asn Phe Thr Gln Met Asn Thr Thr Leu Pro
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aac gtg acc att ttc gca acg ggt ggt acc atc gcg ggc tcc gat tcc     192
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Ser Leu Ile Asp Ala Val Pro Ser Met Leu Asp Val Ala Asn Val Ala
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ggc gtc cag gtg gcc aac gtg gga agc gag gat atc acc tct gac atc        336
Gly Val Gln Val Ala Asn Val Gly Ser Glu Asp Ile Thr Ser Asp Ile
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ctg att tcc atg tcc aag aag ctg aac cgc gtt gta tgt gag gac ccg        384
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acc atg gcc ggt gct gtc atc acc cac ggc acc gac acc ctc gag gag        432
Thr Met Ala Gly Ala Val Ile Thr His Gly Thr Asp Thr Leu Glu Glu
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Asp Arg Gly Ala Met Val Val Met Asn Asp Arg Ile Ala Ser Ala Tyr
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Tyr Val Thr Lys Thr Asn Ala Asn Thr Met Asp Thr Phe Lys Ala Met
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Val Thr Glu Ile Pro Arg Val Asp Ile Leu Phe Ser Tyr Glu Asp Met
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His Asn Asp Thr Leu Tyr Asn Ala Ile Ser Ser Gly Ala Gln Gly Ile
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atg cgc aca gtc aat ggg gaa gtg cca ctg tca gac gtg agc agc gac       1008
Met Arg Thr Val Asn Gly Glu Val Pro Leu Ser Asp Val Ser Ser Asp
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acc gcc acc cac atc gcc agt gga tac cta aac ccg cag aag tcc cgc       1056
Thr Ala Thr His Ile Ala Ser Gly Tyr Leu Asn Pro Gln Lys Ser Arg
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att ctg ttg gga ttg ctg cta tcc cag gga aag aat atc acc gaa atc       1104
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            35              40              45

Asn Val Thr Ile Phe Ala Thr Gly Gly Thr Ile Ala Gly Ser Asp Ser
    50              55              60

Ser Ser Thr Ala Thr Thr Gly Tyr Thr Ser Gly Ala Val Gly Val Leu
65              70              75              80

Ser Leu Ile Asp Ala Val Pro Ser Met Leu Asp Val Ala Asn Val Ala
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Gly Val Gln Val Ala Asn Val Gly Ser Glu Asp Ile Thr Ser Asp Ile
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4

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Ile Val Gly Ala Met Arg Pro Ser Thr Ala Ile Ser Ala Asp Gly Pro
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Phe Asn Leu Leu Glu Ala Val Thr Val Ala Ala Ser Thr Ser Ala Arg
            180   185   190

Asp Arg Gly Ala Met Val Val Met Asn Asp Arg Ile Ala Ser Ala Tyr
        195   200   205

Tyr Val Thr Lys Thr Asn Ala Asn Thr Met Asp Thr Phe Lys Ala Met
    210   215   220

Glu Met Gly Tyr Leu Gly Glu Met Ile Ser Asn Thr Pro Phe Phe Phe
225   230   235   240

Tyr Pro Pro Val Lys Pro Thr Gly Lys Val Ala Phe Asp Ile Thr Asn
            245   250   255

Val Thr Glu Ile Pro Arg Val Asp Ile Leu Phe Ser Tyr Glu Asp Met
            260   ·265   270

His Asn Asp Thr Leu Tyr Asn Ala Ile Ser Ser Gly Ala Gln Gly Ile
        275   280   285

Val Ile Ala Gly Ala Gly Ala Gly Gly Val Thr Thr Ser Phe Asn Glu
    290   295   300

Ala Ile Glu Asp Val Ile Asn Arg Leu Glu Ile Pro Val Val Gln Ser
305   310   315   320

Met Arg Thr Val Asn Gly Glu Val Pro Leu Ser Asp Val Ser Ser Asp
            325   330   335

Thr Ala Thr His Ile Ala Ser Gly Tyr Leu Asn Pro Gln Lys Ser Arg
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Ile Leu Leu Gly Leu Leu Leu Ser Gln Gly Lys Asn Ile Thr Glu Ile
        355   360   365

Ala Asp Val Phe Ala Leu Gly Thr Asp Ala
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5